

Figure 14: The NCBI-NR results for INSP037 (SEQ ID NO:2) showing no 100% match, thus demonstrating INSP037 to be novel.

Figure 15: The NCBI-month-aa results for INSP037 (SEQ ID NO:2) showing no 100% match, thus demonstrating INSP037 to be novel.

Figure 16A: The translated nucleotide database NCBI-month-nt results for INSP037 (SEQ ID NO:2) showing no 100% match, thus demonstrating INSP037 to be novel.

Figure 16B: The NCBI-nt results for INSP037 (SEQ ID NO:2) showing no 100% match, thus demonstrating INSP037 to be novel.

Figure 17: Results of an investigation of INSP037 activity in a murine model of ConA-induced fulminant hepatitis.

Figure 18: Positive control showing effects of IL-6 upon a murine model of ConA-induced fulminant hepatitis.

Page 54, Table II at line 1, please rewrite the table thereat as follows:

TABLE II: INSP037 CLONING PRIMERS

| Primer | Name | Sequence (5'-3') | Position | Tm ⁰ C | %GC |
|--------|-----------------------|---|----------|-------------------|-----|
| CP1 | 2C5 Forward primer | GCA TCA ACA ACA TCC AGT AA <u>SEQ ID NO: 3</u> | 28 | 58 | 40 |
| CP2 | 2C6 Reverse Primer | CAT TCT AAA GTG TGC CAT CT <u>SEQ ID NO: 4</u> | 291C | 57 | 40 |

Page 58, Table 3 at line 28 to page 59, line 1, please rewrite the table thereat as follows:

TABLE 3: PRIMERS FOR IPAAA44548 SUBCLONING AND SEQUENCING

| Primer | Name | Sequence (5'-3') |
|----------------|------------------------|---|
| GCP Forward | I-C1 attB1-K | G GGG ACA AGT TTG TAC AAA AAA GCA GGC TTC <u>GCC ACC</u> <u>SEQ ID NO: 5</u> |
| GCP Reverse | 22A3 attB2-stop-His6-R | GGG GAC CAC TTT GTA CAA GAA AGC TGG GTT TCA ATG GTG ATG GTG ATG GTG <u>SEQ ID NO: 6</u> |



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|------------------|----------------------------------|---|
| GP-SD Forward | III-A1 attB1- shineDalgarno-p | G GGG ACA AGT TTG TAC AAA AAA GCA GGC TTC <u>GAA GGA GA</u> SEQ ID NO: 7 |
| EX1 Forward | 32A5 attB1p- IPAAA44548-1F | GCA GGC TTC <u>GCC ACC</u> ATG ACT TCA CCA AAC GAA CTA A SEQ ID NO: 8 |
| EX2 Reverse | 32A8 IPAAA44548- H6p-234R | GTG ATG GTG ATG GTG AAG TGT GCC ATC TGC ATT TCT SEQ ID NO : 9 |
| EX3 forward | II-I8 44548ShineDalgarno-1F | AAA GCA GGC TTC <u>GAA GGA GAT</u> ATA CAT ATG ACT TCA CCA AAC GAA CT SEQ ID NO: 10 |
| pEAK12-F | 32D1 | GCC AGC TTG GCA CTT GAT GT SEQ ID NO: 11 |
| pEAK12-R | 32D2 | GAT GGA GGT GGA CGT GTC AG SEQ ID NO: 12 |
| SP6 | | ATT TAG GTG ACA CTA TAG SEQ ID NO: 13 |
| T7 | | TAA TAC GAC TCA CTA TAG GG SEQ ID NO: 14 |
| pDEST14-R | | TGG CAG CAG CCA ACT CAG CTT SEQ ID NO: 15 |

Please replace the previously filed sequence listing with the enclosed papers entitled
--sequence listing.--